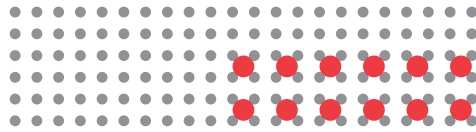# Alcatel-Lucent OmniAccess 8550
Web Services Gateway

Compliant business process automation

The OmniAccess 8550 WSG provides a corporate wide compliance infrastructure enabling scalable, secure business process automation.

The Alcatel-Lucent OmniAccess™ 8550 Web Services Gateway (WSG) is a network appliance that provides a corporate-wide compliance infrastructure. It enables scalable, secure business process automation to protect sensitive corporate data from misuse, to meet corporate governance obligations, and to ensure data is always available when and where it is needed.

The OmniAccess 8550 WSG is a critical component for any organization that needs to secure automated business processes within the organization or with partners, such as when using web services deployed over a service oriented architecture (SOA). Capitalizing on patent-pending web services run-time message inspection technology, the OmniAccess 8550 WSG provides IT system interoperability for corporate-wide security and regulatory compliance.

Product features and benefits

Features	Benefits
Security and Governance Stateful run-time policy enforcement and user-centric audit trails	Ensures compliance with corporate governance policy and government information privacy legislation
Secure Online B2B Service virtualization, data protection (encryption and digital signatures) and user mobility	Enhanced security through single point of control to enable secure automated workflow among business partners
Identity Mapping and Federation Single digital identity and identity interoperability	Consistent enterprise-wide enforcement of policy per credentialed user
Corporate Agility Application interoperability, reliable messaging	Enables scalable and reliable reuse of existing IT systems
Threat Protection and XML Firewall XML message validation and control, and denial of service(DoS) protection	Protects from deliberate attacks and malicious XML messages
Management Fault, configuration and change management	Easily managed appliance integrating with existing management platforms
Secure Hardware Accelerated Appliance High Availability, Hardware Accelerated XML & SSL.	Hardened appliance for scalability, reliability and compliance with security standards

THE GOAL: SECURE BUSINESS PROCESS AUTOMATION

Many large organizations struggle with intensively manual business processes that must meet increased security requirements from information privacy legislation. As these organizations transition from manual to automated business processes, they will increase the amount of sensitive information stored in IT systems both within their organization and with customers and partners. As a result, these organizations are looking for systems to automate their business processes while ensuring information security compliance requirements are met.

However, standing in the way of these goals are the legacy information systems, such as human resources, enterprise resource management (ERP), customer relationship management (CRM), and finance, and the integration of disparate corporate, branch office, and partner systems, each of which implements data security differently.

SOA has been essential in creating loosely coupled Information Systems and reusable services while Web services have been instrumental in the proliferation of business process automation. Although these technologies take corporations closer to their goal, there is still one more step: the incorporation of security and compliance in business process automation.
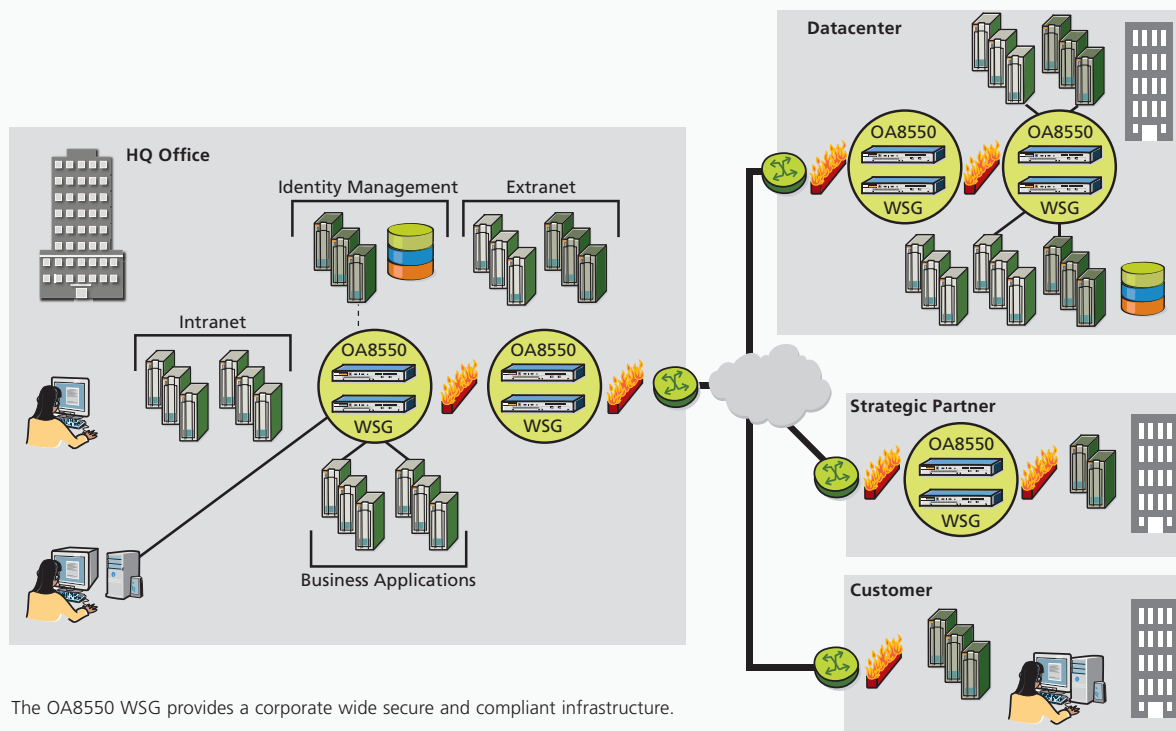
THE SOLUTION: WEB SERVICES DEPLOYED USING A SECURE AND COMPLIANT INFRASTRUCTURE
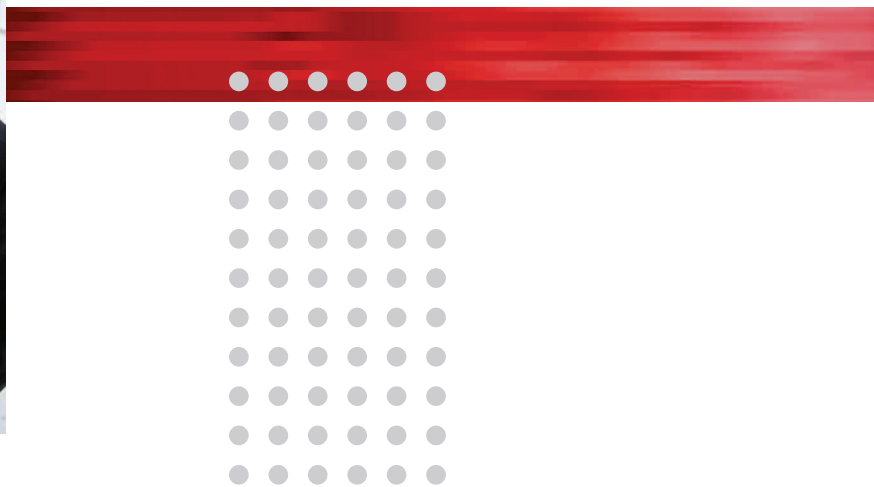
A network-embedded secure and compliant SOA with a security and compliance infrastructure is a new approach that provides the corporate-wide compliance required for scalable business process automation. This compliance infrastructure is application-independent, enabling a consistent information access policy for all users. It also ensures that business process policies are consistently enforced at run time across the corporation, its satellite offices and its business partners. The ability to safely provide sensitive data when and where it is needed is a significant competitive advantage because it has the potential to increase productivity and will significantly reduce the total cost of ownership (TCO) for information systems.

THE KEY: ALCATEL-LUCENT OMNIACCESS 8550 WEB SERVICES GATEWAY

The Alcatel-Lucent OmniAccess 8550 WSG is a service oriented network appliance that provides a corporate-wide secure and compliant infrastructure. It enables scalable, reliable and secure business process automation (see below). The OmniAccess 8550 WSG ensures sensitive data is protected from misuse while allowing data to be made available when and where it is needed. By employing unique stateful (multi-transaction) run-time policy enforcement and consolidated audit trails, the OmniAccess 8550 WSG can guarantee and demonstrate regulatory compliance. It has the ability to enforce policy across information systems with a user contextual knowledge of system events.

Alcatel-Lucent OmniAccess 8550 Web Services Gateway Deployment

The OA8550 WSG provides a corporate wide secure and compliant infrastructure.

Alcatel-Lucent is unique in its ability to install a single service oriented network appliance that provides enterprise-wide secure and scalable business process automation. The Alcatel-Lucent OmniAccess 8550 WSG secures automated business processes within the organization or with partners, and reduces costs while providing corporate governance and regulatory compliance. The OmniAccess 8550 WSG network appliance is only available through Alcatel-Lucent and its authorized representatives.

Contact your Alcatel-Lucent sales representative to find out more about the OmniAccess 8550 WSG and our comprehensive enterprise network solutions for voice and data applications. With operations in more than 130 countries, Alcatel-Lucent is your local partner with a global reach.

Alcatel-Lucent OmniAccess 8550 Web Services Gateway

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